

## AMENDMENTS TO THE CLAIMS

### Please amend the claims as follows:

1. (Currently Amended) A module for acquiring geophysical signals, comprising:
  - at least one casing (~~B"(i), B"~~) which is individually linked to one track (~~T(i)~~), which houses processing means including means for digitizing the signals, each casing being associated with a track,
  - and two cable sections (~~C"(i)~~) each comprising:
    - at a first end, a connector suitable for being coupled up to a complementary connector,
    - at a second end, an adapter configured to be fixed to a casing (~~B"~~, ~~B"(i)~~) and to effect an electrical link with the processing means housed in the casing, wherein the two cable sections are separated by at least one casing.
2. (Currently Amended) The module as claimed in claim 1, further comprising at least two casings (~~B"(i), B"~~), linked in series by cable segments (~~C"(i+1)~~) each of which comprises at its two ends an adapter configured to be fixed to a casing and to effect an electrical link with the processing means housed in the casing.
3. (Currently Amended) The module as claimed in claim 1, wherein each casing (~~B"~~) comprises a rigid member fixed on one face of the respective adapters (~~140a, 140b~~) secured to the respective cable sections or segments, so as to take up a sizeable part of the tensile loads exerted between these two cable sections or segments.
4. (Currently Amended) The module as claimed in claim 3, wherein each casing (~~B"~~) comprises means for attaching the adapters of the cables to the rigid member.
5. (Previously Presented) The module as claimed in claim 4, wherein the means for attachment are rigid lugs, a part of which is embedded in the adapter, another part of each lug

projecting from the adapter toward the rigid member and engaged in a respective orifice of the rigid member along a direction substantially perpendicular to the direction of the part of the cable sections or segments which is adjacent to the casing.

6. (Previously Presented) The module as claimed in claim 1, wherein processing means integrated into the cable adapters comprise spark arresters.

7. (Previously Presented) The module as claimed in claim 3, wherein the rigid member carries means for processing electrical signals.

8. (Previously Presented) The module as claimed in claim 5, wherein each casing comprises leaktightness means for providing leaktightness between a cover and the rigid member.

9. (Previously Presented) The module as claimed in claim 8, wherein the leaktightness means comprise a seal placed in a space circumscribed by the lugs.

10. (Previously Presented) The module as claimed in claim 5, wherein at least one casing comprises a platen situated on a second face of the cables which is opposite the first face and is substantially parallel to the rigid member.

11. (Previously Presented) The module as claimed in claim 10, wherein parts of the lugs which project toward the platen are engaged in orifices of said platen.

12. (Previously Presented) The module as claimed in claim 1, wherein the cable section end connectors are mechanically and electrically hermaphrodite and are identical.

13. (Previously Presented) The module as claimed in claim 1, wherein the casings comprise a port for the connection of at least one geophysical sensor outside the casing.

14. (Previously Presented) The module as claimed in claim 1, wherein the main body of each casing comprises two adapters and a cover, the adapters and the cover being fixed together in a nonremovable manner so that the casing does not comprise any connector for coupling to other casings.

15. (Previously Presented) The module as claimed in claim 1, wherein the main body of each casing comprises two adapters and a cover, wherein one of the adapters situated at the second end of each cable section is configured to be fixed in a removable manner to a casing.

16. (Currently Amended) A module comprising:  
a plurality of tracks to generate geophysical signals; and  
a plurality of casings linked in series by cable sections, each of the casings ~~is being~~ individually linked to a respective one of tracks, each of the casings housing a processor to process the geophysical signals generated by a respective one of the tracks,  
wherein ~~at least one~~ two of the cable sections having a first end provided with a connector to detachably connect with a complementary connector of another module, and a second end ~~provided with an adapter~~ configured to be attached to one of the casings, wherein a respective conductive element extending from each of the cable sections ~~the adapter~~ is coupled electrically to the processor housed in the respective casing, wherein the two of the cable sections are separated by at least one casing.

**Please add the following new claims:**

--17. (New) The module as claimed in claim 1, wherein the casing is connected to the cable sections without use of connectors

18. (New) A module comprising:  
a plurality of tracks to generate geophysical signals;

a plurality of casings, each of the casings being individually linked to a respective one of tracks, each of the casings housing a processor to process the geophysical signals generated by a respective one of the tracks; and

a plurality of cable sections to link the plurality of casings in series, wherein each respective casing is connected to [1] one end of one of the cable sections and [2] one end of another one of the cable sections.--